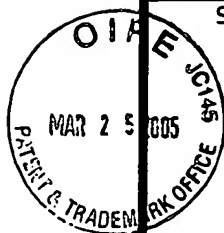


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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

APPLICATION NUMBER	10/806,956
FILING DATE	03/23/2004
FIRST NAMED INVENTOR	Choi et al.
Group Art Unit	2834
Examiner Name	Dougherty, Thomas M.
Attorney Docket Number	PA128-04D09

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

TMD	D1	4,731,155		Napoli et al.	3/15/1988	
	D2	5,425,848		Haisma et al.	6/20/1995	
	D3	5,772,905		Chou	6/30/1998	
	D4	6,309,580	B1	Chou	10/30/2001	
	D5	6,334,960	B1	Willson et al.	1/1/2002	
	D6	6,391,217	B2	Schaffer et al.	5/21/2002	
	D7	6,696,220	B2	Bailey et al.	2/24/2004	
	D8	2002/0177319	A1	Chou	11/28/2002	
	D9	6,713,238	B1	Chou et al.	3/30/2004	
	D10	3,527,062		Bilinski et al.	9/8/1970	
	D11	5,063,321		Carter	11/5/1991	
	D12	5,270,984		Mine	12/14/1993	
	D13	6,411,010	B1	Suzuki et al.	6/25/2002	
	D14	6,467,761	B1	Amatucci et al.	10/22/2002	
	D15	6,518,189	B1	Chou	2/11/2003	
	D16	2004/0192041	A1	Jeong et al.	9/30/2004	
	D17	6,188,150	B1	Spence	2/13/2001	
TMD	D18	6,828,244	B2	Chou	12/7/2004	

Examiner
Signature*Thomas M. Dougherty*Date
Considered*5-2-05*

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Sheet	2	of	5	Examiner Name	Dougherty, Thomas M.
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		Number	Kind Code ² (if known)			

TMD	D19	6,809,356	B2	Chou	10/26/2004	
	D20	2004/0197843	A1	Chou et al.	10/7/2004	
	D21	2004/0156108	A1	Chou et al.	8/12/2004	
	D22	2004/0137734	A1	Chou et al.	7/15/2004	
	D23	2004/0131718	A1	Chou et al.	7/8/2004	
	D24	2004/0118809	A1	Chou et al.	6/24/2004	
	D25	2004/0046288	A1	Chou	3/11/2004	
	D26	2003/0080472	A1	Chou	5/1/2003	
	D27	2003/0034329	A1	Chou	2/20/2003	
	D28	2002/0042027	A1	Chou et al.	4/11/2002	
	D29	6,580,172	B2	Mancini et al.	6/17/2003	
	D30	4,512,848		Deckman et al.	4/23/1985	
	D31	6,517,995	B1	Jacobson et al.	2/11/2003	
	D32	2004/0110856	A1	Young et al.	6/10/2004	
	D33	5,028,366		Harakal et al.	7/2/1991	
	D34	5,601,641		Stephens	2/11/1997	
	D35	5,849,209		Kindt-Larsen et al.	12/15/1998	
TMD	D36	5,849,222		Jen et al.	12/15/1998	

Examiner Signature	Thomas M. Dougherty	Date Considered	5-2-05
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				Examiner Name	Dougherty, Thomas M.
Sheet	3	of	5	Attorney Docket Number	PA128-04D09

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		Office	Number ³				

7MD	D37	WO	2004/016406		Sreenivasan	2/26/2004		
	D38	WO	02/07199		Chou	1/24/2002		
	D39	WO	2004/114016		Chou et al.	12/29/2004		
	D40	WO	99/05724		Chou et al.	2/4/1999		
	D41	WO	03/010289		Chou et al.	2/6/2003		
	D42	WO	03/079416		Chou	9/25/2003		
	D43	WO	03/099536		Chou et al.	12/4/2003		
7MD	D44	WO	2004/013693		Watts et al.	2/12/2004		

Examiner Signature	<i>Thomas M. Dougherty</i>	Date Considered	5-2-05
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				Group Art Unit	2834
Sheet	4	of	5	Examiner Name	Dougherty, Thomas M.
				Attorney Docket Number	PA128-04D09

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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TMD	D45	Chou, Nanoimprint Lithography and Lithographically Induced Self-Assembly, MRS Bulletin, pp. 512 - 517, 7/1/2001	
TMD	D46	Choi et al., Design of Orientation Stages for Step and Flash Imprint Lithography, Precision Engineering, pp. 192 - 199, 1/1/2001	
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TMD	D48	Chou et al., Imprint Lithography with 25-Nanometer Resolution, Science Vol. 272, pp. 85 - 87, 4/5/1996	
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TMD	D52	Johnson et al., Advances in Step and Flash Imprint Lithography, SPIE Microlithography Conference, 2/23/2003	
TMD	D53	Chou et al., Lithographically Induced Self-assembly of Periodic Polymer Micropillar Arrays, J. Vac. Sci. Technol. B 17 (6), pp. 3197 - 3202, 11/1/1999	

Examiner Signature	<i>Thomas M. Dougherty</i>	Date Considered	8-2-03
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				Group Art Unit	2834
				Examiner Name	Dougherty, Thomas M.
Attorney Docket Number	PA128-04D09				
Sheet	5	of	5		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

TMD	D54	Colburn et al., Step and Flash Imprint Lithography: A New Approach to High-Resolution Patterning, Proc. Of SPIE, vol. 3676, 3/1/1999	
TMD	D55	Chou et al., Ultrafast and Direct Imprint of Nanostructures in Silicon, Nature, Vol. 417, (June 2002), pp. 835-837, 6/1/2002	
TMD	D56	Chou et al., Nanoimprint Lithography, Journal of Vacuum Science Technolgy B 14(16), pp. 4129-4133, 11/1/1996	
TMD	D57	Colburn et al., Development and Advantages of Step-and-Flash Lithography, Solid State Technology, 7/1/2001	
TMD	D58	Colburn et al., Characterization and Modeling of Volumetric and Mechanical Properties for Step and Flash Imprint Lithography Photopolymers, Journal of Vacuum Science Technology. Vol b. 19(6), 11/1/2001	
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TMD	D60	Bailey et al., Step and Flash Imprint Lithography: Template Surface Treatment and Defect Analysis, Journal of Vacuum Science, B 18(6), pp. 3572-3577, 11/1/2000	
TMD	D61	Schneider et al., Stripes of Partially Fluorinated Alkyl Chains: Dipolar Langmuir Monolayers	

Examiner Signature	<i>Thomas M. Dougherty</i>	Date Considered	3-2-05
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